

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20010025588"	US-PGPUB; USPAT; USOCR	AND	OFF	2007/04/20 14:14
S2	16	("5693129" "5873978" "06157955" "09176538" "10204348" "08210111" "09234946" "10278413").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/15 15:54
S4	1	10/824367	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 08:09
S5	4159	(347/100 or 106/31.43 or 106/31.75 or 564/160 or 564/199 or 564/203 or 564/192 or 562/553 or 564/160 or 564/156 or 564/152)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 08:12
S6	2	10/874266	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 09:54
S8	19	("20040207701"   "2225604"   "4329363"   "5131949"   "5160372"   "5173112"   "5356464"   "5369108"   "5574184"   "5686508"   "5693126"   "5693129"   "5709737"   "6194613"   "6297400"   "6342576"   "6682590"   "H001043").PN. OR ("6966944").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 10:10
S9	8	("5462590"   "6048390"   "6455679"   "6468338"   "6489452").PN. OR ("6682590").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 10:10
S10	107	(print\$head or head) near (scan\$4) same (paper with perpendicular)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 09:33
S11	246	(print\$head or head) near (scan\$4) same ((paper or medium) with perpendicular)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 09:54

## EAST Search History

S12	269	(print\$head or head) near (scan\$4 or travers\$3) same ((paper or medium) with perpendicular)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 09:54
S13	1	10/824367	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 09:54
S14	116	(print\$head or head) near (scan\$4 or travers\$3) same ((paper or medium) with perpendicular) and (clear or colorless or transparent or ((treat\$3 or fix\$3 or coat\$3) with (liquid or solution)))	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 10:03
S15	86	(print\$head or head) near (scan\$4 or travers\$3) same ((paper or medium) with perpendicular) and (clear or colorless or transparent)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 10:05
S16	10	(print\$head or head) near (scan\$4 or travers\$3) same ((paper or medium) with perpendicular) and ((clear or colorless or transparent) with (treat\$3 or fix\$3 or coat\$3))	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 10:06
S17	14	(print\$head or head) near (scan\$4 or travers\$3) same ((paper or medium) with perpendicular) and ((clear or colorless or transparent) with (treat\$3 or fix\$3 or coat\$3 or liquid))	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 10:07
S18	15	(print\$head or head) near (scan\$4 or travers\$3) same ((paper or medium) with perpendicular) and ((clear or colorless or transparent) with (treat\$3 or fix\$3 or coat\$3 or liquid or solution))	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 10:08
S19	359973	amine	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 10:09
S20	287	amine with (fix\$3 or curl\$3 or coat\$3 or treat\$4) and S5	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:51
S21	0	(S8 or S9) with (treat\$4 or fix\$3 or coat\$3 or curl\$3)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 10:12
S22	20	(S8 or S9) and (treat\$4 or fix\$3 or coat\$3 or curl\$3)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/16 10:12

## EAST Search History

S23	2	(S8 or S9) and (treat\$4 or fix\$3 or coat\$3 or curl\$3) with (amine)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:12
S24	5	(S8 or S9) and (treat\$4 or fix\$3 or coat\$3 or curl\$3) same (amine)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:23
S25	9677	(treat\$4 or fix\$3 or coat\$3 or curl\$3) same (amine) same water same (organic near solvent)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:20
S26	20	S5 and ((treat\$4 or fix\$3 or coat\$3 or curl\$3) same (amine) same water same (organic near solvent))	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:27
S27	16	("5693129" "5873978" "06157955" "09176538" "10204348" "08210111" "09234946" "10278413").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 10:24
S28	5	(S8 or S9 or S27) and (treat\$4 or fix\$3 or coat\$3 or curl\$3) same (amine)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:24
S29	45	S5 and ((treat\$3 or treatment) with (liquid or solution)) same (water same (organic near solvent))	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:41
S30	35	S5 and ((treating or fixing or treatment) with (liquid or solution)) same (water same (organic near solvent))	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:41
S31	14	S5 and ((treating or fixing or treatment) with (liquid or solution)) same (water same (organic near solvent) same ink)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:47
S32	1	S5 and ((treating or fixing or treatment) with (liquid or solution)) same (water same (organic near solvent) same ink same amine)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:46
S33	42	S5 and ((treating or fixing or treatment or coating) with (liquid or solution)) same (water same (organic near solvent) same ink)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:47
S34	1	S5 and ((treating or fixing or treatment or coating) with (liquid or solution)) same (water same (organic near solvent) same ink same amine)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:48
S35	7	S5 and ((treating or fixing or treatment or coating) with (liquid or solution)) same (water same (organic near solvent) same amine)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:49

## EAST Search History

S36	1	S5 and ((treating or fixing or treatment or coating) with (liquid or solution) with (clear or colorless or transparent)) same (water same (organic near solvent))	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:49
S37	1	S5 and ((treating or fixing or treatment or coating or binding) with (liquid or solution) with (clear or colorless or transparent)) same (water same (organic near solvent))	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:50
S38	2	S5 and ((treating or fixing or treatment or coating or binding) with (clear or colorless or transparent)) same (water same (organic near solvent))	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:50
S39	133	ink same ((treating or fixing or treatment or coating or binding) with (clear or colorless or transparent)) same (water same (organic near solvent))	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:51
S40	6350	((clear or colorless or transparent) with (liquid or solution)) same (water same (organic near solvent))	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:51
S41	178	((clear or colorless or transparent) with (liquid or solution)) same (water same (organic near solvent)) same ink	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 11:32
S42	1150	((clear or colorless or transparent) with (liquid or solution)) same (water same (organic near solvent)) same amine	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:52
S43	22	((clear or colorless or transparent) with (liquid or solution)) same (water same (organic near solvent)) same amine same ink	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:53
S44	159	amine with (percent) with mass	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:53
S45	0	amine with (percent) with mass and S5	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 10:54
S46	1201	((clear or colorless or transparent) with (liquid or solution)) same (water same (organic near solvent)) same (amine or hydroxyalkyl or aminoethanesulfonic)	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 11:33

## EAST Search History

S47	53	((clear or color\$less or transparent) with (liquid or solution)) same (water same (organic near solvent)) same (amine or hydroxy\$alkyl or amino\$ethane\$sulfonic) and ink	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 11:34
S48	39	((clear or color\$less or transparent) with (liquid or solution)) same (coat\$3 or fix\$3 or treatment or treating or treats or resin\$3) same (water same (organic near solvent)) same (amine or hydroxy\$alkyl or amino\$ethane\$sulfonic) and ink	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 11:35
S49	64	((clear or color\$less or transparent) with (liquid or solution)) with (coat\$3 or fix\$3 or treatment or treating or treats or resin\$3) same (water same (organic near solvent)) same ink	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 11:37
S50	2	((clear or color\$less or transparent) with (liquid or solution)) with (coat\$3 or fix\$3 or treatment or treating or treats or resin\$3) same (water same (organic near solvent)) and S5	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 11:37
S51	177	((clear or color\$less or transparent) with (liquid or solution)) with (coat\$3 or fix\$3 or treatment or treating or treats or resin\$3) same (water same (organic near solvent)) and ink	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 11:38
S52	19	((clear or color\$less or transparent) with (liquid or solution)) with (coat\$3 or fix\$3 or treatment or treating or treats or resin\$3) same (water same (organic near solvent)) and ink\$jet\$4	US-PGPUB; USPAT; USOCR	AND	ON	2006/05/16 11:39
S53	20	((clear or color\$less or transparent) with (liquid or solution)) with (coat\$3 or fix\$3 or treatment or treating or treats or resin\$3) same (water same (organic near solvent)) and ink\$jet\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 11:40
S54	77	((clear or color\$less or transparent or see\$through) with (coat\$3 or fix\$3 or treatment or treating or treats or resin\$3)) same (water same (organic near solvent)) and ink\$jet\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 11:52

## EAST Search History

S55	2511	iinuma.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 11:52
S56	4	iinuma.in. near taiga	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:49
S57	1051	ink and (treat\$3 or treatment or coat\$3 or fix\$3) with (amine and water and (organic near solvent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 11:57
S58	0	ink and (treat\$3 or treatment or coat\$3 or fix\$3) with (amine water wiht (organic near solvent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 11:57
S59	529	ink and (treat\$3 or treatment or coat\$3 or fix\$3) with (amine water with (organic near solvent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 11:57
S60	65	ink and (treat\$3 or treatment or coat\$3 or fix\$3) with (amine with water with (organic near solvent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:12
S61	79	("428"/\$5 or "106"/\$5 or 357/100) and (treat\$3 or treatment or coat\$3 or fix\$3) with (amine with water with (organic near solvent))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:22
S62	2	"20020174964"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:30

## EAST Search History

S63	54	((content or mass or percent) with amine) and ((melt\$3 or decomposition or decomposing) with amine) and (surface near tension) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:45
S64	57	((content or mass or percent) with amine) and ((melt\$3 or decomposition or decomposing) with amine) and (surface near tension) and (347/100 or "106"/\$5 or "428"/\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:37
S65	9	((content or mass or percent) with amine) and ((melt\$3 or decomposition or decomposing) with amine) and (surface near tension) and ink\$jet\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:40
S66	151	((melt\$3 or decomposition or decomposing) with amine) and (surface near tension) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:45
S67	37	((melt\$3 or decomposition or decomposing) with (temperature or point)with amine) and (surface near tension) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:45
S68	37	((melt\$3 or decomposition or decomposing) with (temperature or point) with amine) and (surface near tension) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:51
S69	2	iinuma.in. near taiga and (melt\$3 or decomposing or decomposition) with amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:50
S70	5537	((melt\$3 or decomposition or decomposing) with (temperature or point) with amine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:51

## EAST Search History

S71	419	((melt\$3 or decomposition or decomposing) with (temperature or point) with amine) and ("347"/\$3 or "106"/\$5 or "428"/\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:53
S72	14	((melt\$3 or decomposition or decomposing) with (temperature or point) with amine with "50") and ("347"/\$3 or "106"/\$5 or "428"/\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:53
S73	0	(ink with (melt\$3 or decomposition or decomposing) with (temperature or point) with amine with "50") and ("347"/\$3 or "106"/\$5 or "428"/\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:55
S74	8	(ink with (melt\$3 or decomposition or decomposing) with (temperature or point) with amine) and ("347"/\$3 or "106"/\$5 or "428"/\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:55
S75	281	((melt\$3 or decomposition or decomposing) with (temperature or point) with amine near compound)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:56
S76	27	((melt\$3 or decomposition or decomposing) with (temperature or point) with amine near compound) and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:58
S77	2	"5777023".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:58
S78	2	"5777023".pn. and amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 13:02



## EAST Search History

S79	1340	ink near surface near tension	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 13:02
S80	357	ink near surface near tension and amine	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 13:03
S81	46	ink near surface near tension and amine near compound	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 13:04
S82	1	"5462590".pn.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/05/24 11:04
S83	3	"5462590".pn. or "6471348".pn. or "6387506".pn.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:27
S84	3	"5462590".pn. or "6471348".pn. or "6387506".pn. and amine	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:28
S85	3	("5462590".pn. or "6471348".pn. or "6387506".pn.) and amine	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:31
S86	14	("5462590".pn. or "6471348".pn. or "6387506".pn. or "5777023") and amine	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:31
S87	4	("5462590".pn. or "6471348".pn. or "6387506".pn. or "5777023".pn.) and amine	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:32
S88	4	("5462590".pn. or "6471348".pn. or "6387506".pn. or "5777023".pn.) and amine same (weight or wt\$2 or weight\$2 or "%")	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:55
S89	296	347/100 and (amine same (weight\$2 or wt\$2 or "%"))	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:37
S90	142	347/100 and (amine with (weight\$2 or wt\$2 or "%"))	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:47
S91	16	347/100 and ((amine near compound) with (weight\$2 or wt\$2 or "%"))	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:40

## EAST Search History

S92	17	347/100 and ((amine near compound) with (weight\$2 or wt\$2 or "%"))	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/14 10:37
S93	16	347/100 and ((amine near compound) with (weight\$2 or wt\$2 or "%")) and (colorless or clear or transparent or treatment or coat\$3)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:42
S94	7	347/100 and ((amine near compound) with (weight\$2 or wt\$2 or "%")) and (colorless or clear or transparent)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:44
S95	30	(ink same (amine near compound) with (weight\$2 or wt\$2 or "%")) and (colorless or clear or transparent)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:45
S96	7	(ink same (amine near compound) with (weight\$2 or wt\$2 or "%")) and (colorless or clear or transparent) with (treat\$4 or coat\$3 or fix\$3 or solution)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:47
S97	58	(ink same (amine near compound) with (weight\$2 or wt\$2 or "%")) and (treat\$4 or coat\$3 or fix\$3 or solution)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:56
S98	65	(colorant or color\$3 or dye or pigment) same (water with soluble with organic with solvent) same ink same amine	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:53
S99	9	(colorant or color\$3 or dye or pigment) same (water with soluble with organic with solvent) same ink same amine and (amine same hydrocarbon)	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:54
S100	59	(ink same (amine near compound) with (weight\$2 or wt\$2 or "%"))	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/14 10:56
S101	1	"6048390".pn.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/20 10:55
S102	1	"6048390".pn. and amine	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/20 11:00
S103	1	"5777023".pn.	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/20 11:04
S104	1	"5777023".pn. and amine	US-PGPUB; USPAT; USOCR	AND	OFF	2006/11/20 11:04

## EAST Search History

S10 5	1	"5462590".pn. and amine	US-PGPUB; USPAT; USOCR	AND	OFF	2007/04/17 11:29
S10 6	438	ink and (water and organic near solvent and colorant) and (amine with (weight or mass))	US-PGPUB; USPAT; USOCR	AND	OFF	2007/04/17 11:40
S10 7	394	ink and (water same organic near solvent same (colorant or dye or pigment)) and (amine with (weight or mass))	US-PGPUB; USPAT; USOCR	AND	OFF	2007/04/17 11:48
S10 8	250	ink same (water same organic near solvent same (colorant or dye or pigment)) and (amine with (weight or mass))	US-PGPUB; USPAT; USOCR	AND	OFF	2007/04/17 11:49